

2010 – 2011 ASC Cytoteleconference Series

Archives of this series (Item Codes: 3200-A – L) are available immediately on your order confirmation.



Archive Item Code: 3200-A

Item Name: *Order Out of Chaos: The Bethesda System for Thyroid Cytopathology*
Edmund S. Cibas, M.D.

Presentation date: April 27, 2010; Expires: April 27, 2013

It is critical that the cytopathologist communicate thyroid FNA interpretations in terms that are succinct, unambiguous, and clinically helpful. Historically, terminology for thyroid FNA has varied significantly from one laboratory to another. For clarity of communication, The Bethesda System for Reporting Thyroid Cytopathology recommends that each report begin with one of six general diagnostic categories.



Archive Item Code: 3200-B

Item Name: *Pitfalls in Liver Fine Needle Aspiration*
Abdel Elhosseiny, M.D.

Presentation date: May 25, 2010; Expires: May 25, 2013

Liver fine needle aspiration FNA has become the mainstay for evaluating hepatic lesions. It is often done utilizing computed tomography as an imaging technique. The cytopathologist evaluating these aspirates on site has an important role in diagnosis such lesions.

Pitfalls in liver cytopathology could arise from several potential problems. Recognizing normal liver cytology and the reactive changes (such as hepatitis and cirrhosis) will help avoiding problems of over calling these conditions. Distinguishing well differentiated hepatocellular carcinoma from benign lesions is important in not missing these lesions as benign. The 3rd pitfall is related to distinguishing the less differentiated hepatocellular carcinoma from metastatic lesions. Utilizing immunohistochemical stain is an important aid in resolving this problem.



Archive Item Code: 3200-C

Item Name: *Challenging Gynecologic Cases in Thin Prep and SurePath Preparations.*
Donna K. Russell, M.S. CT(ASCP)HT

Presentation date: June 22, 2010; Expires: June 22, 2013

Liquid based technology has led to improved sample adequacy and equal or superior results in the detection of pre-neoplastic cervical lesions. This teleconference will provide an overview of benign, reactive, and neoplastic lesions in liquid based preparations. It will look at problem areas and focus on criteria that can be utilized to properly classify liquid based samples. Pitfalls in the diagnosis of glandular lesions and

high grade squamous intraepithelial lesions will be highlighted. Ancillary techniques, as well as, patient management will be discussed.



Archive Item Code: 3200-D

Item Name: *Urine Cytology Update: Cytomorphology and Diagnostic Pitfalls*

Walid E. Khalbuss, M.D., Ph.D.

Presentation date: July 27, 2010; Expires: July 27, 2013

Urine cytology often presents diagnostic challenges for cytologists and cytopathologists. This teleconference discusses practical cases of urine cytology with particular emphasis on the differential diagnosis, diagnostic problems, and pitfalls. The advantages, limitations, and ancillary studies that are helpful in the diagnostic workup of urine specimens will also be covered.



Archive Item Code: 3200-E

Item Name: *Quality Assurance for the Evolving Cytopathology Laboratory*

John Shalkham, M.A., SCT (ASCP)

Presentation date: August 24, 2010; Expires: August 24, 2013

Testing in the Cytopathology laboratory has become more complex with the addition of new test methods and instrumentation. CLIA-88 regulations that in the past applied only to the clinical laboratory now apply to Cytopathology. In addition, quality systems have been re-defined by documents such as the CLSI Quality System Essentials and ISO 15189. The use of both CLSI Quality System Essentials and ISO 15189 will be discussed.



Archive Item Code: 3200-F

Item Name: *On-site Evaluation of FNA Biopsies: Diagnostic Approach, Criteria, & Pitfalls*

Sara E. Monaco, MD

Presentation date: September 28, 2010; Expires: September 28, 2013

On-site evaluation of fine needle aspiration (FNA) biopsies for adequacy can be essential for accurate diagnoses. This teleconference will use a case-based approach to demonstrate adequacy criteria and to highlight diagnostic pitfalls in order to help maximize the concordance rate between preliminary and final diagnoses.



Archive Item Code: 3200-G

Item Name: *Cytologic Features of Various Types of Breast Carcinoma Including Potential False Negative and Positive Diagnosis in Breast Aspirates*

Bettina G Papouchado, M.D.

Presentation date: October 26, 2010; Expire: October 26, 2013

Fine-needle aspiration of the breast is an established diagnostic method in the evaluation of palpable breast masses. This teleconference will review the cytopathologic features of some of the more commonly encountered breast carcinomas as well as common differential diagnostic dilemmas and pitfalls commonly encountered in the daily practice of breast cytopathology. The discussions will emphasize the distinction of benign lesions from morphologically similar malignant ones.



Archive Item Code: 3200-H

Item Name: *Cerebrospinal Fluid Cytology: A Window on CNS Pathology*
Pascale Levine, M.D.

Presentation date: November 23, 2010; Expires: November 23, 2013

CSF cytology is an effective tool to diagnose inflammatory or neoplastic diseases of the CNS when provided with relevant clinical data. We present many clinical vignettes with matching CSF cytology to illustrate common and rare entities encountered in CSF. Pitfalls and differential diagnoses are emphasized for each disorder.



Archive Item Code: 3200-I

Item Name: *Challenges in Salivary Gland Cytology*
William C. Faquin, M.D., Ph.D.

Presentation date: December 14, 2010; Expires: December 14, 2013

Salivary gland fine-needle aspiration (FNA) is among the most difficult areas of non-gynecologic cytopathology. Using a case-based algorithmic approach, we will discuss the cytologic evaluation of several key salivary gland tumors. The session will emphasize the formulation of a focused differential diagnosis and will identify problem areas where diagnostic pitfalls can occur. The advantages and limitations of fine-needle aspiration cytology in the evaluation of various salivary gland tumors, and the use of ancillary techniques where relevant will be discussed.



Archive Item Code: 3200-J

Item Name: *Lessons From Cases of Screened Women Who Developed Cervical Carcinoma*
R. Marshall Austin, M.D., Ph.D.

Presentation date: January 25, 2011; Expires: January 25, 2014

Although most cervical carcinoma cases in the US are diagnosed in never or seldom screened women, a significant subset of cases continue to be diagnosed in women who have had periodic cytologic screening. These cases represent a tiny subset of all screened cases and a small portion of all cases identified as "abnormal." The most common cases in this "missed opportunity" category are glandular cervical cancers which occur in younger women, usually younger white women on oral contraceptives. Several such cases will be illustrated. Missed opportunities for the diagnosis of cervical squamous carcinoma most often turn on challenges surrounding identification of

squamous cell abnormalities arising in immature squamous metaplastic cells or atrophy, sometimes in Pap tests with few abnormal cells. Multiple slide blinded reviews by staff are emphasized as a key educational technique to educate staff on the potential challenges for cytological recognition of slides in these categories. Emerging knowledge on the ability of HPV testing to enhance screening will also be discussed.



Archive Item Code: 3200-K

Item Name: *Endoscopic Ultrasound Fine Needle Aspiration (EUS-FNA) at The Community Hospital: What We Have Found That Works*

Lawrence DeCavallas, CT (ASCP) and Bora Gumustop, MSPH, MD

Presentation date: February 22, 2011; Expires: February 22, 2014

Our objective is to share our experience in developing a EUS-FNAB service at our community hospital over the past 7 years so others may benefit by the unique processes we have designed to make this technology successful in our laboratory. The intricacies of our program will be presented thoroughly by both the cytotechnologist and endoscopist.



Archive Item Code: 3200-L

Item Name: *A Pattern-Recognition Approach to the FNA Diagnosis of Soft Tissue Tumors.*
Xiaohua Qian M.D., Ph.D.

Presentation date: March 22, 2011; Expires: March 22, 2014

A pattern-recognition approach to the diagnosis of various soft tissue tumors will be presented. Six patterns will be discussed: adipocytic, myxoid, spindle cell, small round blue cell, epithelioid, and pleomorphic. The importance of proper tissue triage for ancillary studies and awareness of diagnostic pitfalls for soft tissue tumors in each pattern will be emphasized.